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GenCote version 5.1.3
CepyLight (c) 1943 - 2003 - chapagen Ltd
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OM protein - nucleic search, using frame_plus_pin modei

January 16, 2003, 16:59:22 ; Search time 44:5714 Seconds Pun one

(without alignments) 89.447 Million cell updates/sec

US-04-856-070-19 65

Perfect score:

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BLOSUM62 Scoring table:

c c Xgapop 16 0 , Xgapext Ygapop 16.0 , Ygapext Fgapop 6.0 , Fgapext Delop 6.0 , Delext 441362 seqs, 153338381 residues

fotal number of hits satisfying choson parameters:

Maximum DB seq length: 2000ถกกกก Minimum DB seq length: 0

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Command line parameters:

Database :

Issued_Patents_NA:*
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2: /cgn2_6/ptcdata/Z/ina/5B_COMB.seq.*
3: /cgn2_6/ptcdata/Z/ina/6A_COMB.seq.*
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5: /cgn2_6/ptcdata/Z/ina/6B_COMB.seq.*

/cgn2_6/ptodata/2/ina/backfiles1.seq *

Pred. No. is the number of results predicted by chance to have a

score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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7	3.9	0.09		S	PCT-US91-00899-5	Sequence 5, Appli
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4	39	0.09	1488	-	TIS-08-404-246-4	. ـــ
5	39	U U9		-	US-08-525-058A-9	Segmence 9, Appli
9	39	0.09		?	US 08-696-731-9	٠.
7	39	0.09	1488	4	US-09-042-531-9	Sequence 9, Appli
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38	3.6.5	2 99	1722	4	118-08-380-0618-1	À
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. 43	36.5	56.2	2445	٠.	.08 1	Sequence 8, Appli
44	36.5	56.2	4544	4	09-488-270A	Sequence 1, Appli
45	36.5	56.2	2127	্ৰ	US-08-474-169-7	Sequence 7, Appli

AL. I GNMENTS

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APPLICANT: Lowe, John B. TITLE OF INVENTION. Method and Products For the Synthesis of Method and Products For the Synthesis of INVENTION. Oilgosaccharide Structures on Glycoproteins, Glycolipids, TITLE OF INVENTION: or as Free Molecules, and For the Isolation of Cloned TITLE OF INVENTION: Genetic Sequences That Determine These Structur COMMERS OF SEQUENCES. 16
                                                                                                                                                                                                                                                                                        OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
                                                                                                                                                                                                                                                                                                               : P.C.
1755 Jefferson Davis Bighway, Sulte 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTERATION NUMBER: 31,451
PEFFFENCE, POCKET NUMBER: 2363-021-55 PCT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US91/00899
FILING DATE: 19910214
PCT-US91-00899-13
| Sequence 13, Application PC/IUS9100899
| GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Jean Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELETHONE. (703)521-5940
TELEFAX: (703)486-2347
TELEX: 248855.0A7 UR
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION: NAME: Lavalleye Ph.D., Je
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Virginia
31P: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
                                                                                                                                                                                                                                                                                                                                                                        Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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US-09-856-070-19 (1-13) x PCT-US91-00099-5 (1-1215)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: 1BM PC compatible
OPERALING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 9, Application US/08393246
; Patent No. 5595900
                                                                                                                                           Sequence 9, Application US/07914281
Patent No. 5324663
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                JOHN B.
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                                                                                                                                                                                                                                                                                    NUMBER OF SECUENCES:
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                          Virginia
                                                                                                                                                                            GENERAL INFORMATION:
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Query Match:
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ADDRESSEE: OPLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 1755 Jetterson Davis Highway, Suite 400
Arlington
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CURRENT APPLICATION DATA:
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Mismatches:
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Mismatches:
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NAME: Lavalleye Ph.D., Jean Paul
REGISTRATION NUMBER: 31,451
REFERENCE/DOCKET NUMBER: 2863-021-55 PCT
                                                                                                                                                                            Matches:
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                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 5 Application PC/TUS9100899
                                                                      DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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LENGIH: 1215 base pairs
TYPE: NUCLEIC ACID
1068 base pairs
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39.00
83.33#
66.67#
60.00%
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248855 OPAT UR
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                   NUCLEIC ACID
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Query Match:
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CLASSIFICATION:
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                                    STRANDEDNESS:
                                                                 MOLECULE TYPE:
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PCT-US91-00899-5
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   LENGTH:
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                                                                                                                                                            Pred. No.:
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TILLE OF INVENTION. METHODS AND FROMUELS FOR THE SYNTHESIS
TITLE OF INVENTION: OF OLICHBARDE SIMPOTHERS, ON GLYCOREPIEINS,
TITLE OF INVENTION: GLYCOLIPIDS, FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: LOWE, JOHN B.

IIILE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OF OLIGOSACHARIDE STRUCTURES ON GLYCOPROTEINS,
                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7755 Jefferson Davis Highway, Fourth Floor
Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWAPE: Patentle Pelease #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/07/914,281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative:
Mismatches:
                                                        406 GAGGAGGTGGATCTGGGCTTGGACTACGAGGAG 441
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TELECOMMONICATION INFORMATION: TELEPHONE: (703)521-4500
TELEPHONE: (703)486-2347
TELEX: 248945
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TITLE OF INVENTION: METHORS AND PRODUCTS FOR THE SYNTHESIS
TITLE OF INVENTION: OF CLOSEACCHARINE STRUCTURES ON GLYCOPROPERIUS,
TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1755 Jefferson Davis Highway, Fourth Floor
                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patentin Pelease #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-U9-856-070-19 (1-13) x US-U8-525-U58A-9 (1-1488)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 GluctucedActicuArgleaClnAspTyrGluGlu 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length:
                                                                                                                                                                                                                                                                 REFERENCE/POCKET NUMBER: 2363-060-55 TELECOMMUNICATION INFORMATION:
                                                                                                                                            APPLICATION NUMBER: US/08/525,058A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/220,433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IMBER: US/08/696,731
14-AUC-1996
                                                                                                                                                                                              ALTORNEY/AGENT INFORMATION:
NAME: Lavalleye, Jean-Paul M. P.
REGISTRATION NUMBER: 31,451
                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC COMPALIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          08/393,246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/08696731
Patent No. 5955347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                           TELEFHONE: (703)521-4500
TELEFAX: (703)486-2347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                 LENGIH: 1488 base pairs
                                                                                                                                                                                                                                                                                                                                                TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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39.00
83.33%
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                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
EDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: C
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                       COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: GENERAL OF NUMBER OF SEQUENCES: 1
COPPESSONDENCE ADDRESS:
                                                                                                                                                                                      CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Linear
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: U.S.A.
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CITY: Arlington
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COUNTRY: U.>
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                                                                                                                                                                  FILING DATE:
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OF OLLGOSACHARIDE STRUCTUPES ON ALYCOPROTEINS,
GIYCULIPITES, OR AS FREE MOLECULES, AND FOR THE ISOLATION
OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTUPES
TITLE OF INVENTION: GLYCOLIPIDS, OR AS PREE MOLECULES, AND FOR THE ISOLATION FILE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 :: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
1755 Jefferson Davis Highway, Fourth Floor
                                                                                OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1488
                                                                                                                     1755 Jefferson Davis Highway, Fourth Floor
                                                                                                                                                                                                                                                                                     SYSTEM: PC-DOS/MS-DOS
PatentIn Belease #1.0, Version #1.25
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Mismatches:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 31,451
REFERENCE/POCKET NUMBER: 2363-060-55
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/393,246
                                                                                                                                                                                                                                                                                                                                                                                                                                US 08/220,433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US 07/914,281
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                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       THILFPAX: (703)486-2347
THILFEX: 454855 OPAT UR
INFORMATION FOR SEC 1D NO: 9: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 20-JUL-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08 FILING DATE: 30-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (703)521-4500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 1488 base pairs
nucleic acid
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66.67%
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                                    NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 530
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                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
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                                                                                                                                        CITY: Arlington STATE: Virginia
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                                                                                                                                                                               COUNTRY: U.S.A.
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                                                                                  ADDRESSEE:
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                                                                                                   ADDRESSER:
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                                                                                                                       STREET:
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TELECOMMUNICATION INFORMATION:
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TELEFAX: 617/542-8906
TELEX: 200154
TELEX: 200154
SEQUENCE CHARACTERISTICS:
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ZIP: 02110-2804
COMPUTER READABLE FORM:
                       (703)521-4500
(703)486-2347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Seed, Brian
APPLICANT: Holgersson, Jan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMALION:
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66.678
60.008
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39.00
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39.00
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REGISTRATION NUMBER:
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HDNESS: single
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                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: unknc
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US-08-483-151-3
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                         TELEPHONE:
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TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
TITLE OF INVENTION: METHODS AND PRODUCTS FOR GIYCOPPOTEINS,
TITLE OF INVENTION: OF OLIGOSACTHARIDE STRUCTURES, AND FOR THE ISOLACION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAI DETERMINE THESE STRUCTU
CORRESPONDENCE, ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADE,
ADDRESSEE: P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1755 Jetterson Davis Highway, Fourth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-POS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative:
Mismatches:
Indels.
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                                                                                                                                                                                                                                                                                                                                                                                                                      Matches:
                                                                          NAME: Lavalleye, Jean-Paul M. P.
REGISTRATION NUMBER: 31,451
REPERMIC/CONCET NUMBER: 2363-060-55
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2363-060-55
FILING DATE: 30-MAR-1994
APPLICATION NUMBER: 13 07/914,281
FILING DATE: 20-JUL-1992
ATTOKNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US 08/220,433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 30-MAR-1994
APPLICATION NUMBER: US 07/914,281
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REGISTRATION NÜMBER: 31,451
REFERENCE/DOCKET NÜMBER: 2363-060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 9, Application US/09042531
Patent No. 6268193
                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DAFE: 20-JUL-1992
AFTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                               LENGTH: 1488 base pairs
                                                                                                                                                                    TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ 1D NO: SEQUENCE CHARACTERISTICS:
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66,678
60,008
                                                                                                                                                                                                                                                                                    unknown
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39.00
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                                                                                                                                                                                                                                                                   nucleic acid
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                                                                                                                                                                                                                                                                                                        unknown
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                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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TITLE OF INVENTION: FUCGRITRANSFERASE GENES AND USES THEFEOF NUMBER OF SEQUENCES: 4
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                                                                                                                                                                                                                                                                                                                                                                                                          2 GluGluLeuMetLeuArgLeuGluAspTyrGluGlu 13
                                                                                                                                                                                                                                         Matches:
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225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/08483151; Patent No. 5858752; GENERAL INFORMATION:
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TELEPHONE: 617/542-5070
TELLERAX: (763)486-2347
TELLERX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1488 base pairs
                                                                                                                              TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
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APPLICANT: The General Hospital Colporation
TITLE OF INVENTION: FUCUSATHRANSPERASE GENES AND USES THEREOF
NUMBER OF SEQUENCES: 4
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APPLICATION NUMBER: PCI/US96/06427
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Mismatches:
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   Mismatches:
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                                                                                                              2 GludluLeuMetLeuArgLeuGlnAspTyrGludln 13
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                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Fish & Richardson P.C. STREET: 225 Franklin Street.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-F03/MS-F03
                                                                                                                                                                                                                          Sequence 3, Application PC/TUS9606427 GENERAL INFORMATION:
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APPLICATION NUMBER: 08/483,151
FILING DATE: 07-,700-1965
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// Patent No. 6307025
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NAME: Lech, Karen F.
REGISTRATION NUMBER: 35,238
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TELEPHONE: 617/542-5070
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INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
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66.678
                   60.00%
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      68.8
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Best Local Similarity:
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Best Local Similarity:
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Pred. No.:
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                                                                                                                                                                                                                                                                                                                                                                                             STATE:
                       Query Match:
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APPLICANT: ROSA, Margaret D. IIILE OF INVENTION: INDOUBLIAL CELL-LEUKOCYIE ADHESION INDOUBLIAL (IIILE OF INVENTION: MOJECTICE (BIAMS) AND MOJECTICES INVOLVED IN LEUKOCYTE TITLE OF INVENTION: ADHESION (MILAS)
                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/482,073
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FILING DATE: 27-APR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/45±675
FILING DATE: 18-DEC-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/359516
FILING DATE: 01-JUN-1989
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                                                                                                                                                                                                                                               1251 Avenue of the Americas
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                                                          Osborn, Laurelee
Renjamin, Christopher D.
                                                                                                                                                                                                                                                                                                            United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: B124C1P4 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/354151
FILING DATE: 28-APR-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    JMBER: US 07/508298
31-OCT-1990
                                                                                                                                                                                                                                                                                                                                                  COMPUTER PEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
Hession, Catherine A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      27,794
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TELEGRAX: (212) 596-9090
TELEX: 14-8367
INFORMATION FOR SEG ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Haley Jr., James F. REGISTRATION NUMBER: 27,7
                 Lobb, Roy R
Goelz, Susan E.
                                                                                                                                                                                                                              Fish & Neave
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39.00
83.338
66.67$
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EDNESS: double
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                                                                                                                                                                                                                                                                       New York
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                                       APPLICANT:
                                                                              APPLICANT
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: WG PCT/JTS 90/202357
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1251 Avenue of the Americas
                                                                                                                                                                                                                                              ADHESTON (MILAS)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Haley Jr., James F. REGISTRATION NUMBER: 27,794 REFERENCE/DOCKET NUMBER: B124CIP4 TELECOMMUNICATION INFORMATION:
                                                                                                                                                  Osborn, Laurelee
Benjamin, Christopher D.
                                                                                                                                                                                                                                                                                                                                                         New York
. United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/482,073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/486,336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 27 APR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08 07/452675
FILING DATE: 18-DEC-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07 25 9516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: APPLICATION NUMBER: US 07/354151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 07/608298
                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM FYPE: Floppy disk
COMPUTER: 18M PC compatible
OPEKATING SYSTEM: PC-DGS/MS-DOS
                                   Sequence 10, Application US/08482073
Patent No. 6307025
                                                                                           Hession, Catherine A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 10:
                                                                                                                                                                                       Rosa, Margaret D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NE: (212) 596-9000
: (212) 596-9090
14-8367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 28-APR-1989
AFTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        01-JUN-1989
                                                                                                             Lobb, Roy R.
Goelz, Susan E.
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66.678
60.008
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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MEDIUM FYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nucleic acid
                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                              TITLE OF INVENTION:
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                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                       New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                       COUNTRY, Un
                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE:
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                   US 08:482:073 10
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APPLICANT:
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RESULT 11
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US-04-826-070-14 (1-13) x US-08-482-073-10 (1-2861)

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TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
TITLE OF INVENTION: OF GLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
                                                                                                                                                                                                                                                                                                                                                                                            EXPRESSED IN HUMAN CANCERS AND USES THEREOF
                                                                                                                                                                                                                                                                                     APPLICANT: ATTAIN B. Raitano
APPLICANT: Arbur H. Raitano
APPLICANT: Douglas C. Safiran
APPLICANT: Steve Chappell Mitchell
ITILE OF INVENTION: EXPRESSED IN HUMAN CANCERS AND USES THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1755 Jefferson Davis Highway, Fourth Floor
CIIY: Arlington
STATE: Virginia
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                         Mismatches:
2 GluGluLeuMetLeuArgleuGlnAspTyrGluGlu 13
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SOFTWARE: PastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/091,183
PRIOR FILLING DATE: 1998-06-30
                                                                                                                                        Sequence 6, Application US/09323873A Patent No. 6329503
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            // Sequence 7, Application US/07914281
// Patent No. 5324663
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MEDIUM TYPE: Floppy disk
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53.85%
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                                                                                                                                                                                                             APPLICANT: Daniel E. Atar
APPLICANT: Rene S. Hubert
APPLICANT: Kahan Leonq
                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 129.16USU2
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                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Percent Similarity:
                                                                                                                        1 US-09-323-873A-6/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 6
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TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPPOTEINS,
TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4: OBLON, SPIVAK, McCLELLAND, MAJER & NEUSTADT, P.C.
1755 Jefferson Davis Highway, Fourth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWAPE: Patentin Pelease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,058A
                                                                                                                                                                                                                                                                                                                              Conscrvative
Mismatches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2347 GASGNAGITGIAN PERSON PRINTENTAL TARGANGAS 2382
                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-856-070-19 (1-13) x US-08-393-246-7 (1-3647)
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NAME. Lavalleye, Jean-Paul M. P.
REGISTRATION NUMBER: 31,451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               . Segment 7, Application 03/08525058A ; Patent No. 5770420
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/OOCKET NUMBER: 231
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                              DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DNA (genomic)
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INFORMATION FOR SEQ ID NO: 7:
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(703)486-2347
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TELERAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ 1D NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 3647 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3547 base pairs
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66.678
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                                                                                                                                    unknown
                                                                                                                                                                                                                                                                                                              39.00
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STRANDEDNESS: double
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                                                                                                                nucleic acid
                                                                                                                                                       unknown
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APPLICANT: LOWE, J
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Virginia
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Best Local Similarity:
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                                                                                                                                                                                                ; ANTI-SENSE: NO
US-08-393-246-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ANTI-SENSE; NO
US-08-525-058A-7
                                                                                                                                  STRANDEDNESS:
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                                                                                                                                                                         MOLECULE TYPE:
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Pred. No.:
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                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                                              Score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: OF OLIGINARIDE SIEUCIUES ON GLYCOPROTEINS,
TITLE OF INVENTION: OF OLIGINARIDE SIEUCIUES ON GLYCOPROTEINS,
TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT PETERMINE THESE SIPUCTY
CORRESPONDENCE ADDRESS:
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CITY: Arlington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 GludluLenMetLenArgLeuGlnAspTyrGluGlu 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches:
                CLASSIFICATION: 530
ATTORNEY/ZGENI INFORMATION:
NAME: Lavalleye, Jean Paul M. P.
REGISTRATION NUMBER: 31,451
REFERENCE/POCKET NUMBER: 2363-060-55
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEPHONE: (703)5486-2347
TELER: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length:
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PFGISTPATION NUMBER: 31,451
REFERENCE/DOCKET NUMBER: 2363-060-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US C8/220,433
FILING DATE: 30-MAR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/393,246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US 07/914,281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 7, Application US/08393246
Patent No. 5595900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
                                                                                                                                                                                                                                                                                                                                                   DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20-JUL-1992
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                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 3647 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        83.338
66.678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 60.00%
  19920720
                                                                                                                                                                                                                                                                                                              unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     39.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOWE, JOHN B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                   TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 30-MAR
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Percent Similarity:
Best Local Similarity:
                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Alignment Scores:
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                                                                                                                                                                                                                                                                                                                                ropology:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-393-246-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                            US-07-914-281-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 14
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Matches:	Conservat	Mismatches:	Indels:	. 92.40
44.00	83.338	66.678	800.09	_
SCOFE:	reent Similarity:	Best Local Similarity:	Query Match:	

US 09-856-070-19 (1-13) x US-08-525-058A-7 (1-3647)

OY 2 GINGLULEUWELLEUGTBASPTYFGLUGTB 13
[[HTH]:: HTH]:: HTHHHHH
Db 2347 GAGBACKIGGATFTGCACTGTTGGACTACGAGGAG 2382

Search completed: January 16, 2003, 21:41:26 Job time : 47.5714 secs